

SAUGATUCK RIVER BASIN

01208990 SAUGATUCK RIVER NEAR REDDING, CT--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years, 1964, 1966, June 1968 to current year.

REMARKS.-- The instantaneous record values will not necessarily fall within the corresponding daily range of the continuous records.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	ENTERO-COCCI ME, MF WATER TOTAL (COL /100 ML) (31649)	
OCT 16...	0940	27	178	7.8	14.0	11.5	1.6	10.8	98	190	47	
JAN 20...	1100	182	183	7.6	4.0	.5	2.9	15.2	106	K77	560	
APR 26...	1400	40	202	8.1	17.0	14.0	1.2	11.3	102	21	K5	
JUL 27...	1320	.79	242	7.7	33.5	25.5	.92	8.0	100	34	32	
DATE		HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
OCT 16...	64	17	5.2	8.5	1.9	0	55	45	11	15	<.10	
JAN 20...	47	13	3.9	13	1.5	0	39	32	7.9	24	<.10	
APR 26...	63	16	5.4	9.5	1.3	0	63	52	17	34	<.10	
JUL 27...	100	26	8.6	9.0	1.9	0	103	84	7.5	17	<.10	
DATE		SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	
OCT 16...	9.1	118	122	<.010	.098	.030	.45	.48	.34	.58		
JAN 20...	6.4	104	--	.017	.328	.037	.26	.30	.20	.62		
APR 26...	3.7	106	112	<.010	.081	.028	.30	.33	.21	.41		
JUL 27...	8.0	144	132	<.010	.128	<.020	--	.22	.17	.35		

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WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	PHOS- PHORUS	PHOS- PHORUS	PHOS- PHORUS	ALUM- INUM,	ANTI- MONY,	BARIUM,	BERYL- LIUM,	CADMIUM	CHRO- MIUM,	COBALT,
	DIS- TOTAL	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED
	(MG/L	(MG/L	(MG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L
	AS P)	AS P)	AS P)	AS AL)	AS SB)	AS BA)	AS BE)	AS CD)	AS CR)	AS CO)
	(00665)	(00666)	(00671)	(01106)	(01095)	(01005)	(01010)	(01025)	(01030)	(01035)
OCT 16...	E.030	<.050	.014	11	<1.0	15	<1.0	<1.0	<1.0	<1.0
JAN 20...	.025	.011	<.010	16	<1.0	12	<1.0	<1.0	<1.0	<1.0
APR 26...	.016	.009	<.010	11	<1.0	14	<1.0	<1.0	<1.0	<1.0
JUL 27...	.030	.025	.017	3.3	<1.0	18	<1.0	<1.0	<1.0	<1.0
DATE	COPPER, DIS- SOLVED	IRON, DIS- SOLVED	LEAD, DIS- SOLVED	MANGA- NESE, DIS- SOLVED	MOLYB- DENUM, DIS- SOLVED	NICKEL, DIS- SOLVED	SILVER, DIS- SOLVED	ZINC, DIS- SOLVED	URANIUM NATURAL DIS- SOLVED	CARBON, ORGANIC TOTAL
	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(MG/L
	AS CU)	AS FE)	AS PB)	AS MN)	AS MO)	AS NI)	AS AG)	AS ZN)	AS U)	AS C)
	(01040)	(01046)	(01049)	(01056)	(01060)	(01065)	(01075)	(01090)	(22703)	(00680)
OCT 16...	<1.0	110	<1.0	7.2	<1.0	<1.0	<1.0	<1.0	<1.0	8.7
JAN 20...	<1.0	93	<1.0	18	<1.0	<1.0	<1.0	1.8	<1.0	5.6
APR 26...	<1.0	89	<1.0	11	<1.0	<1.0	<1.0	<1.0	<1.0	4.5
JUL 27...	<1.0	27	<1.0	14	<1.0	<1.0	<1.0	<1.0	<1.0	3.5